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JUN 18 2002
U.S. TRADEMARK OFFICE 2003

1652
PATENT APPLICATION
Mo6411
LeA 34,261

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION OF)
OTTO SCHALLNER ET AL) GROUP NO.: 1714
)
SERIAL NUMBER: 09/897,233)
FILED: JULY 2, 2001)
TITLE: METHOD OF FINDING)
PROTOPORPHYRINOGEN)
OXIDASE INHIBITORS)

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.97(b)

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

This disclosure statement under 37 CFR 1.97 & 1.98 is submitted before the first Office Action in order that the Patent and Trademark Office may consider the relevancy of certain information to the invention described and claimed in the subject application, and in compliance with the regulations concerning information disclosure statements, copies of the documents listed on the attached Form PTO 1449 are enclosed.

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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an enveloped addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 6/14/2002

Date
John F. Mozzinski, Jr. Reg. No. 46,179

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Concise statements of the presently understood relevance of each of the documents are found in the specification filed.

This Information Disclosure Statement should not be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, that any document mentioned herein constitutes prior art, or that the documents listed severally or in any combination with one another or with any other information, are believed to render any claim in the subject application *prima facie* unpatentable.

Respectfully submitted,

By _____

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/jme/JM0064

Form PTO 1449 Rev. 7-80	U.S. Department of Commerce Patent and Trademark Office LIST OF PRIOR ART CITED BY APPLICANT (Use Several Sheets If Necessary)	Atty. Docket No. Mo6411/LeA 34,261 Applicant Otto Schallner et al	Serial No. 09/897,233
		Filing Date July 2, 2001	Group 1714

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AA	O I P E SC 18	JUN 18 2002				
AB						
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							Yes	No*
	AL	95/34659	12/21/95	World Patent				
	AM							
	AN							
	AO							
	AP							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	Biochem. J., Vol. 260, (month unavailable) 1989, Pages 231-235, Michel Matringe et al, "Protoporphyrinogen oxidase as a molecular target for diphenyl ether herbicides"
	AS	Plant Physiol., Vol. 102, (month unavailable) 1993, Pages 881-889, Hee Jae Lee et al, "Cellular Localization of Protoporphyrinogen-Oxidizing Activities of Etiolated Barley (<i>Hordeum vulgare L.</i>) Leaves"

Weed Science, Vol. 39, (month unavailable) 1991, Pages 465-473, Stephen O. Duke et al,
"Protoporphyrinogen Oxidase-Inhibiting Herbicides"

~~E X A M I N E R Initial if referenced considered, whether or not citation is in conformance with MPEP 609: Draw line through if not in conformance and not considered. Include copy of this form with next communication to applicant.~~

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AR	Pesticide Biochemistry and Physiology, Vol. 43, (month unavailable) 1992, Pages 193-211, U. B. Nandihalli, et al, "Quantitative Structure-Activity Relationships of Protoporphyrinogen Oxidase-Inhibiting Diphenyl Ether Herbicides"
AS	Pesticide Biochemistry and Physiology, Vol. 35, (month unavailable) 1989, Pages 70-80, Daisuke Yanase et al, "Porphyrin Synthesis Involvement in Diphenyl Ether-like Mode of Action of TNPP-Ethyl, a Novel Phenylpyrazole Herbicide"

AT	Nature, Vol. 375, May 18, 1995, Pages 254-256, William J. Checovich et al, "Fluorescence polarization - a new tool for cell and molecular biology"
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AR	DDT, Vol. 3, No. 10, October 1998, Pages 457-465, Manfred Auer, et al, "Fluorescence correlation spectroscopy: lead discovery by miniaturized HTS"
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